INDEX TO VOLUME 35

Subject entries are made for all articles. Author entries are made for original articles. Book Reviews and Obituaries are indexed under these headings in alphabetical order under the letters B and O, respectively.

Abdomen: See Gastrointestinal Tract; Peritoneum; etc.
Abnormalities and Deformities: See under names of organs and regions, as Aorta; etc.
Abscess: See under names of organs and regions, as Lungs, abscess; Nerves; etc.
Acid, Ascorbic: See Ascorbic Acid
Pantothenic: See Vitamins, B
Acid-Base Equilibrium, morphologic changes in human kidney following prolonged administration of alkali, 207
Acromegaly with long-standing tumor infiltration of cavernous sinuses, 93
Addison's Disease associated with cortical necrosis of adrenal glands; report of 8 cases, 649
Adenoma, cellular origin of bronchial adenoma, 803
histologic analogy of bronchial adenoma to late prenatal and early postnatal structures, 85
parvilocular tumors of ovary, 391
Adrenal Preparations, epinephrine and related substances in human arterial walls and kidneys; their role in arteriosclerosis, 836
Adrenals, cortical necrosis associated with Addison's disease; report of 8 cases, 649
effects of radiation on, 318
epicellular and pericellular depositions of amyloid as starting point of amyloidosis, 832
leprosy of, 638
morphologic changes in rat's adrenal cortex under various experimental conditions, 373
rests in kidney, 46
Age, effect on blood cholesterol values, 442
Old: See Old Age
Air Passages: See Respiratory Tract
Alkali, differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
morphologic changes in human kidney following prolonged administration of alkali, 207
Allergy: See Anaphylaxis and Allergy
Amyloid, properties of amyloid deposits occurring in several species under diverse conditions, 226
Amyloidosis, epicellular and pericellular depositions of amyloid as starting point of, 832
Anaphylaxis and Allergy: See also Shwartzman Phenomenon; etc.
Forssman's "carotid syndrome"; contribution to study of anaphylactic changes in nervous system from standpoint of pathology, 560
Anemia, diffuse metaplastic gastritis in patient with prolonged cachexia and macrocytic anemia, 730
effects of repeated intravenous injections of lecithin in rabbits; relationships to lipoid storage diseases and to hemolytic anemias, 695
morphologic, physiologic, chemical and biologic distinction of megaloblasts, 752
Aneurysm, congenital aneurysms of cerebral arteries; embryologic study, 819
mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Angrist, A.: Adrenal rests in kidney, 46
Latent primary carcinoma, 66
Antibodies: See Antigens and Antibodies
Antigens and Antibodies: See also Lipoids; and under specific antigens and reactions
Forssman's "carotid syndrome"; contribution to study of anaphylactic changes in nervous system from standpoint of pathology, 560
Antiserum: See under names of various diseases
Aorta, Aneurysm: See under Aneurysm
anomalies of aortic arch, 717
elastic tissue; relation between structure of aging aorta and properties of isolated aortic elastic tissue, 29
mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Appendicitis, obstructive, caused by sprouting seed, 598
Appendix, obstructive appendicitis caused by sprouting seed, 598
Appointments, 197, 354, 501, 645, 783, 932
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Blood vessels; Vasomotor System; etc.
carotid; Forssman's "carotid syndrome"; contribution to study of anaphylactic changes in nervous system from standpoint of pathology, 560
epinephrine and related substances in human arterial walls and kidneys; their role in arteriosclerosis, 836
Arteriosclerosis, atherosclerosis and blood cholesterol, 482
epinephrine and related substances in human arterial walls and kidneys; their role in arteriosclerosis, 836
Arthritis, visceral lesions associated with chronic infectious (rheumatoid) arthritis, 503
Ascorbic Acid, pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
Asthma: See Anaphylaxis and Allergy
Atelectasis: See Lungs, collapse
Atherosclerosis: See Arteriosclerosis
Atrophy: See under names of organs and regions
Autopsies, postmortem study of renal pelvis in relation to hypertension, 681
Avitaminosis: See under Vitamins
Awards, 197, 354, 501, 783, 932

B C G: See under Tuberculosis
Bacilli: See Bacteria
Bacteria: See also under Leprosy; Streptococci; Viruses; etc.
Bacillus coli pneumonia, 808
Shwartzman phenomenon in genesis of pulmonary abscess; experimental production of abscesses in lungs of rabbits by means of strain of gram-negative anaerobic bacilli, resembling Bacillus necrophorus, employed as lung-preparatory factor, with notes on some factors concerned in pathogenicity, 517

Baggenstoss, A. H.: Visceral lesions associated with chronic infectious (rheumatoid) arthritis, 503
Bartol, G. M.: Mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Biliary Tract: See Gallbladder; Liver
Biller, S. B.: Acromegaly with long-standing tumor infiltration of cavernous sinuses, 93
Bischoff, F.: Influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713
Black, C. E.: Commercial lead as possible inciting factor in bronchiogenic carcinoma; report of 2 cases, 366
Blood: See also Erythrocytes; Hemoglobin and Hemoglobin Compounds; Leukocytes
  changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
  cholesterol, 438
  cholesterol; alimentary hypercholesteremia, 451
  cholesterol; hypercholesteremia following ingestion of cholesterol, 452
  cholesterol in disease, 473
  cholesterol, physical state of, 454
  differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
  Diseases: See Anemia; Hemopoietic System; Leukemia; etc.
  pressure, high; postmortem study of renal pelvis in relation to hypertension, 681
  pressure, high; tyrosine poisoning in rats, 685
  Vessels: See also Arteries; Cardiovascular System; Veins; etc.
  vessels, lepromatous lesions of, 628
Blumenfeld, C. M.: Studies of normal and of abnormal mitotic activity; rate and periodicity of mitotic activity of experimental epidermoid carcinoma in mice, 667
Bones: See also under names of bones
  changes in leprosy, 636
  effect of mechanical force on skeletal lesions in acute scurvy in guinea pigs, 579
  effects of radiation on bone, cartilage and teeth, 323
  marrow; morphologic, physiologic, chemical and biologic distinction of megaloblasts, 752

Book Reviews:
  Atlas of Ovarian Tumors; G. Barzilai with preface by F. W. Stewart, 784
  Autonomic Regulations: Their Significance for Physiology, Psychology and Neuropsychiatry; E. Gellhorn, 646
  Care of Aged (Geriatrics); M. W. Thewlis, 205
  Central Autonomic Regulations in Health and Disease (with Special Reference to Hypothalamus); H. R. Miller, 203
  Changes in Knee Joint at Various Ages with Particular Reference to Nature and Development of Degenerative Joint Disease; G. A. Bennett and others, 205
  Hemorrhagic Diseases and Physiology of Hemostasis; A. J. Quick, 355
  Medical Jurisprudence and Toxicology; J. Glaister, 784
  Ovarian Tumors; S. H. Geist, 647
  Problems of Ageing: Biological and Medical Aspects; edited by E. V. Cowdry, 205
  Short History of Cardiology; J. B. Herrick, 202
  Surgical Pathology; W. Boyd, 204

Books received, 206, 356, 502, 648, 786, 933
Borna Disease, permeability of blood-brain barrier to virus, 918
Bosse, M. D.: Carcinoid tumor of gallbladder, 898
Bowers, W. F.: Obstructive appendicitis caused by sprouting seed, 598
Brain: See also Cerebellum; Meninges; Nervous System; etc.
  blood supply; congenital aneurysms of cerebral arteries; embryologic study, 819
  effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
  histologic observations on changes in brain in Rocky Mountain spotted fever, 583
Breast, leprosy and mammary gland, 638
Bremer, J. L.: Congenital aneurysms of cerebral arteries; embryologic study, 819
Brody, H.: Focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
Bronchi, cellular origin of bronchial adenoma, 803
  focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
  histologic analogy of bronchial adenoma to late prenatal and early postnatal structures, 85

Cachexia: See Nutrition
Calculi: See Gallbladder, calculi
Callaway, C. P.: Pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
Cancer: See also Sarcoma; Tumors; etc.; and under names of organs and regions, as Lungs; Muscles; Ovary; etc.
  bequest for cancer research, 501
  latent primary carcinoma, 66
  metastatic, of skeletal muscles, 112
  professorship in cancer research, 354
  studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
  studies of normal and of abnormal mitotic activity; rate and periodicity of mitotic activity of experimental epidermoid carcinoma in mice, 667
Candida: See Monilia
Carbon Monoxide, differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
Carcinoid: See Gallbladder
Carcinoma: See Cancer
Cardiovascular System: See also Arteries; Blood vessels; Heart; Vasomotor System; etc.
  experimental studies in cardiovascular pathology; chronic nicotine poisoning in rats and in dogs, 846
  tyrosine poisoning in rats, 685
Carotid Body, tumor of carotid body and pancreas, 906
Cartilage, effects of radiation on bone, cartilage and teeth, 323
  studies of; morphologic and chemical analysis of aging human costal cartilage, 275
Castleman, B.: Pulmonary infarction and atelectasis; report of case presenting evidence of causal relationship, 299
Cavernous Sinus, acromegaly with long-standing tumor infiltration of, 93
Cells: See also Tissue; etc.
  acute ulceration of esophagus with associated intranuclear inclusion bodies; report of 4 cases, 889
  cellular origin of bronchial adenoma, 803

Cells—Continued
division; studies of normal and of abnormal mitotic activity; rate and periodicity of mitotic activity of experimental epidermoid carcinoma in mice, 667
epicellular and pericellular depositions of amyloid as starting point of amyloidosis, 832
studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
unique cell rest in uterine fibroid, 594
Cerebellum, osteochondroblastic meningioma of left cerebellar hemisphere, 900
Cerebrum: See Brain
Chemotherapy: See Pericarditis
Children, tumor registry, 501
Chloride in Blood: See under Blood
Cholesterol, effect of cholesterol feeding in herbivora, 453
function in body, 491
hypercholesteremia following ingestion of, 452
in Blood: See under Blood
metabolism, 462
Chomet, B.: Mesothelioma (endothelioma) of peritoneum, 292
Chromaffinoma, tumor of cartoid body and pancreas, 906
Cohen, J.: Shwartzman phenomenon in genesis of pulmonary abscess; experimental production of abscesses in lungs of rabbits by means of strain of gram-negative anaerobic bacilli, resembling Bacillus necrophorus, employed as lung-preparatory factor, with notes on some factors concerned in pathogenicity, 517
Cysts: See under names of organs and regions

Dagradi, A.: Acute ulceration of esophagus with associated intranuclear inclusion bodies; report of 4 cases, 889
Diabetes Mellitus and blood cholesterol, 485
lipid metabolism in, 486
Diaminodiphenylsulfone hydrochloride; chemotherapy of experimental streptococcic pericarditis; comparison of sulfanilamide and acetylated derivative of 4,4'-diaminodiphenylsulfone hydrochloride in treatment of experimental beta hemolytic streptococcus pericarditis in rabbit, 253
Diet and Dietetics, effect of diet on blood cholesterol, 448
Digestive System: See Gastrointestinal Tract; Stomach; etc.
Disease, blood cholesterol in, 473
Distemper, canine; permeability of blood-brain barrier to neurotropic virus, 924
Drowning, changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
Dubin, I. N.: Bacillus coli pneumonia, 808
Ductus Arteriosus, anomalies of aortic arch, 717
Duffin, J. D.: Cortical necrosis of adrenal glands associated with Addison's disease; report of 8 cases, 649
Dunlap, C. E.: Disseminated ossification of lungs, 420
Dysgerminoma, ovarian, tuberculoid reaction in, 674

Ear, effects of radiation on, 311
Edwards, E. A.: Venous valves in thromboangiitis obliterans, 242
Edwards, J. E.: Mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Venous valves in thromboangiitis obliterans, 242
Elastic Tissue: See Aorta
Embryology, effects of radiation on germ plasm and embryo, 349
Encephalitis, St. Louis; permeability of blood-brain barrier to virus, 921
Encephalomyelitis, equine; permeability of blood-brain barrier to virus, 923
permeability of blood-brain barrier to louping ill virus, 921
Endocarditis, mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Endocardium: See Heart
Endocrine Glands, disease, and cholesterol metabolism, 491
effects of radiation on, 313
Endometriosis, developmental basis of regenerative and pathologic growth in uterus, 53
Endothelioma, mesothelioma (endothelioma) of peritoneum, 292
Environment, effect of personal and environmental factors on blood cholesterol, 443
Epididymis, filarial epididymofuniculitis, 414
Epinephrine: See Adrenal Preparations
Erythrocytes: See also Anemia; Blood; Hemoglobin and Hemoglobin Compounds; etc.
morphologic, physiologic, chemical and biologic distinction of megaloblasts, 752
Esophagus, acute ulceration with associated intranuclear inclusion bodies; report of 4 cases, 889
Estrogens, morphologic changes in rat's adrenal cortex under various experimental conditions, 373
Eyes, effects of radiation on, 304
lepromatous lesions of, 637

Fasting: See also Hunger
morphologic changes in rat's adrenal cortex under various experimental conditions, 373
Fellowship, medical research fellowship, 197
Fetus: See also Embryology; Pregnancy
differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
Fever, Rocky Mountain Spotted Fever: See Rocky Mountain Spotted Fever
studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
Fibroma, unique cell rest in uterine fibroid, 594
Ficarra, B. J.: Osteochondroblastic meningioma of left cerebellar hemisphere, 900
Filariasis, filarial epididymofuniculitis, 414
Fite, G. L.: Leprosy from histologic point of view, 611
Follis, R. H., Jr.: Effect of mechanical force on skeletal lesions in acute scurvy in guinea pigs, 579
Food: See Diet and Dietetics; Nutrition; Vitamins
Foramen magnum; instrument for removing spinal cord through foramen magnum, 750
Foreign Bodies, obstructive appendicitis caused by sprouting seed, 598
Forensic Medicine: See Jurisprudence, Medical
Foster, M. E.: Obstructive appendicitis caused by sprouting seed, 598
Fowl Plague, permeability of blood-brain barrier to neurotropic virus, 925
Freiman, I. S.: Osteochondroblastic meningioma of left cerebellar hemisphere, 900
Friedemann, U.: Permeability of blood-brain barrier to neurotropic viruses, 912

Gallbladder, calculi; problem of gallstones, 476
carcinoid tumor of, 898
Gallstones: See Gallbladder, calculi
Gastritis: See Stomach

Gastrointestinal Tract: See also Stomach; etc.
involvement in lymphatic leukemia, 21
leprous lesions of, 638
Gates, O.: Effects of radiation on bone, cartilage and teeth, 323
Genitals, examination of semen recovered from female genitals, 152
seminoma developing in undeveloped genital anlage, 590
Germ plasma, effects of radiation on, 349
Gewanter, A. P.: Latent primary carcinoma, 66
Gonads, effects of radiation on, 121
Goodof, I. I.: Tumor of carotid body and pancreas, 906
Grants, 932
Granuloma, focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
Gruenwald, P.: Developmental basis of regenerative and pathologic growth in uterus, 53

Hair, leprosy bacilli in epidermis and hair follicles, 626
Harris, W. H., Jr.: Histologic analogy of bronchial adenoma to late prenatal and early postnatal structures, 85
Hass, G. M.: Amyloid; properties of amyloid deposits occurring in several species under diverse conditions, 226
Elastic tissue; relations between structure of aging aorta and properties of isolated aortic elastic tissue, 29
Studies of cartilage; morphologic and chemical analysis of aging human costal cartilage, 275
Heart: See also Cardiovascular System; Endocarditis; Pericarditis; etc.
changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
Heller, E. L.: Tuberculoid reaction in ovarian dysgerminoma, 674
Helpern, M.: Differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
Hemoencephalic Barrier, permeability of blood-brain barrier to neurotropic viruses, 912
Hemoglobin and Hemoglobin Compounds: See also Anemia; Blood; Erythrocytes
differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
Hemopoietic System: See also Anemia; Erythrocytes; Leukemia; etc.
effects of repeated intravenous injections of lecithin in rabbits; relationships to lipoid storage diseases and to hemolytic anemias, 695
Herbut, P. A.: Anomalies of aortic arch, 717
Herpes simplex; permeability of blood-brain barrier to virus, 918
Hormones: See also Adrenal Preparations; Endocrine Glands; etc.
Estrogenic: See Estrogens
symposium on, 932
Hueper, W. C.: Experimental studies in cardiovascular pathology; chronic nicotine poisoning in rats and in dogs, 846
Tyrosine poisoning in rats, 685
Humphreys, E.: Morphologic changes in human kidney following prolonged administration of alkali, 207
Hunger: See also Fasting
effect on blood cholesterol, 448
Huntington, R.: Amyloid; properties of amyloid deposits occurring in several species under diverse conditions, 226
Hydrophobia: See Rabies
Hypercholesteremia: See Blood, cholesterol
Hypersensitiveness: See Anaphylaxis and Allergy
Hypertension: See Blood pressure, high
Hyperthermia: See Fever
Hypophysis: See Pituitary Body

Immunity: See Anaphylaxis and Allergy; Antigens and Antibodies; Shwartzman Phenomenon; etc.
Inanition: See Fasting
Industrial Diseases, commercial lead as possible inciting factor in bronchiogenic carcinoma; report of 2 cases, 366
Infantile Paralysis: See Poliomyelitis
Infection: See also Viruses; and under names of bacteria, as Streptococci; etc.
blood cholesterol in, 490
Ingraham, L. P.: Influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713
Institute of Medical Research, 645
Instrument for removing spinal cord through foramen magnum, 750
Insulin: See Diabetes Mellitus
Intestines: See Gastrointestinal Tract
Iodine and Iodine Compounds, focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
Irradiation: See Radiations; and under names of diseases and organs
Islands of Langerhans: See Pancreas

Jacobi, Mary Putnam; fellowship for medical research, 197
Jetter, W. W.: Changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
Jervis, G. A.: Forssman's "carotid syndrome"; contribution to study of anaphylactic changes in nervous system from standpoint of pathology, 560
Jones, O. P.: Morphologic, physiologic, chemical and biologic distinction of megaloblasts, 752
Jurisprudence, Medical: See also Drowning; etc.
differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
semen and seminal stains; review of methods used in medicolegal investigations, 140

Kerby, G. P.: Bacillus coli pneumonia, 808
Kidneys, adrenal rests in, 46
disease and blood cholesterol, 478
diseases; effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
epinephrine and related substances in human arterial walls and kidneys; their role in arteriosclerosis, 836
leprosy of, 638
morphologic changes in human kidney following prolonged administration of alkali, 207
pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
postmortem study of renal pelvis in relation to hypertension, 681
tyrosine poisoning in rats, 685
Kirsner, J. B.: Morphologic changes in human kidney following prolonged administration of alkali, 207
Kline, L. L.: Postmortem study of renal pelvis in relation to hypertension, 681
Krumbhaar, E. B.: Ludwig Aschoff, 198
Krumdieck, N.: Amyloid; properties of amyloid deposits occurring in several species under diverse conditions, 226

Laboratories; Yerkes Laboratories of Primate Biology, 354
Lamb, M. E.: Mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Langerhans' Islands: See Pancreas

Lead, commercial, as possible inciting factor in bronchiogenic carcinoma; report of 2 cases, 366
Lebowich, R. J.: Chemotherapy of experimental streptococcic pericarditis; comparison of sulfanilamide and acetylated derivative of 4,4'-diaminodiphenylsulfone hydrochloride in treatment of experimental beta hemolytic streptococcus pericarditis in rabbit, 253
Lecithin: See Lipoids
Leiomyosarcoma, simultaneous, of uterus and papillary carcinoma of ovary, 115
Leprosy and abscesses of nerves, 632
and central nervous system, 632
and mammary gland, 638
bacilli in epidermis and hair follicles, 626
changes in bones in, 636
changes in sweat glands in, 626
from histologic point of view, 611
involvement of sebaceous glands in, 626
lepromatous lesions of blood vessels, 628
lepromatous lesions of eye, 637
lepromatous lesions of nerves, 629
lepromatous lesions of respiratory tract, 633
leprous changes in skin, 626
leprous lesions of gastrointestinal tract, 638
lipoids in, 627
of kidney, 638
of liver, 634
of ovary, 638
of placenta, 638
of spleen, 635
verrucous lesions in, 628
Leukemia, lymphatic, gastrointestinal involvement in, 21
Leukocytes: See also Leukemia; Lymphocytes; etc.
effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
Lindsay, S.: Instrument for removing spinal cord through foramen magnum, 750
Lipoids: See also Cholesterol; Phosphorus and Phosphorus Compounds; etc.
effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
effects of repeated intravenous injections of lecithin in rabbits; relationships to lipoid storage diseases and to hemolytic anemias, 695
focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
in leprosy, 627
lipid metabolism in diabetes, 486
Lischer, C. E.: Tumor of carotid body and pancreas, 906
Liver, diseases, blood cholesterol in, 473
leprosy of, 634
pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
Lungs: See also Bronchi; Pleura; Respiratory Tract; etc.
abscess; Shwartzman phenomenon in genesis of pulmonary abscess; experimental production of abscesses in lungs of rabbits by means of strain of gram-negative anaerobic bacilli, resembling Bacillus necrophorus, employed as lung-preparatory factor, with notes on some factors concerned in pathogenicity, 517
cancer; commercial lead as possible inciting factor in bronchiogenic carcinoma; report of 2 cases, 366
Lungs—Continued
collapse; pulmonary infarction and atelectasis; report of case presenting evidence of causal relationship, 299
disseminated ossification of, 420
fibrous pleural adhesions, 553
focal lipid granulomatosis of lung following instillation of iodized poppyseed oil, 744
pulmonary infarction and atelectasis; report of case presenting evidence of causal relationship, 299
Lymphocytes: See also Leukemia; Leukocytes
studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857

Magnesium in Blood: See under Blood
Major, J. W.: Simultaneous leiomyosarcoma of uterus and papillary carcinoma of ovary, 115
Malformations: See under names of organs and regions, as Aorta; etc.
Martin, G. J.: Tyrosine poisoning in rats, 685
Medals, 197. See also Awards; Prizes
Mediastinum, neuroblastoma with pheochromoblastomatous elements, 571
Medicine, Forensic: See Jurisprudence, Medical
military; filarial epididymofuniculitis, 414
Tropical: See Tropical Medicine
Megaloblasts: See Erythrocytes
Meninges, Candida albicans infection confused with tuberculosis, 427
Permeability: See Hemoencephalic Barrier
Meningioma, osteochondroblastic, of left cerebellar hemisphere, 900
Menstruation, changes in blood cholesterol during menstruation and pregnancy, 446
Mental Diseases and cholesterol metabolism, 490
Mesothelioma (endothelioma) of peritoneum, 292
Methylcholanthrene, studies of normal and of abnormal mitotic activity; rate and periodicity of mitotic activity of experimental epidermoid carcinoma in mice, 667
Miale, J. B.: Candida albicans infection confused with tuberculosis, 427
Microorganisms: See Bacteria; etc.
Military Medicine: See Medicine, military
Mitchell, N.: Adrenal rests in kidney, 46
Latent primary carcinoma, 66
Mitosis: See Cells, division
Moccasin Venom: See Venom
Monilia, Candida albicans infection confused with tuberculosis, 427
Moolten, S. E.: Shwartzman phenomenon in genesis of pulmonary abscess; experimental production of abscesses in lungs of rabbits by means of strain of gram-negative anaerobic bacilli, resembling Bacillus necrophorus, employed as lung-preparatory factor, with notes on some factors concerned in pathogenicity, 517
Moritz, A. R.: Changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
Müller's Ducts, developmental basis of regenerative and pathologic growth in uterus, 53
Mulligan, R. M.: Metastasis of mixed tumors of salivary glands, 357
Mulsow, F. W.: Metastatic carcinoma of skeletal muscles, 112
Muscles, effects of radiation on striated muscle, 347
metastatic carcinoma of skeletal muscles, 112
Mycosis, mycotic and dissecting aneurysms of aorta complicating bacterial endocarditis, 285
Myocardium: See Heart

National Academy of Sciences, 932
Science Fund, awards of, 197
Neoplasms: See Cancer; Sarcoma; Tumors
Nephrosis: See under Kidneys
Nerves: See also Nervous System
abscesses and leprosy, 632
lepromatous lesions of, 629
peripheral, effect of radiation on, 128
Nervous System: See also Brain; Cerebellum; Nerves; Spinal Cord; etc.
central, and leprosy, 632
effects of radiation on, 127
Forssman's "carotid syndrome"; contribution to study of anaphylactic changes in nervous system from standpoint of pathology, 560
neuroblastoma of mediastinum with pheochromoblastomatous elements, 571
permeability of blood-brain barrier to neurotropic viruses, 912
Neuroblastoma of mediastinum with pheochromoblastomatous elements, 571
Nicotine, experimental studies in cardiovascular pathology; chronic nicotine poisoning in rats and in dogs, 846
Nutrition: See also Diet and Dietetics; Vitamins
diffuse metaplastic gastritis in patient with prolonged cachexia and macrocytic anemia, 730

Obituaries:
Allen, Edgar, 501
Aschoff, Ludwig, 198
Ewing, James, 932
Knutsen, Martin H., 645
Wells, H. Gideon, 932
Zon, Leo, 501

Occupational Diseases: See Industrial Diseases
Oil, Iodized: See Iodine and Iodine Compounds
Old Age, elastic tissue; relations between structure of aging aorta and properties of isolated aortic elastic tissue, 29
studies of cartilage; morphologic and chemical analysis of aging human costal cartilage, 275
Ossification, disseminated, of lungs, 420
Ovary: See also Gonads; Uterus
cancer; simultaneous leiomyosarcoma of uterus and papillary carcinoma of ovary, 115
effect of radiation on, 124
leprosy of, 638
morphologic changes in rat's adrenal cortex under various experimental conditions, 373
parvilocular tumors of, 391
tuberculoid reaction in dysgerminoma, 674
tumors, registry of, 197

Palmer, W. L.: Morphologic changes in human kidney following prolonged administration of alkali, 207
Pancreas, effects of radiation on islands of Langerhans, 318
metastatic carcinoma of skeletal muscles, 112
tumor of carotid body and pancreas, 906
tyrosine poisoning in rats, 685
Pantothenic Acid: See Vitamins, B
Paralysis, Infantile: See Poliomyelitis
Parathyroid, effects of radiation on thyroid and parathyroid glands, 315
leprosy of, 638
Pasternack, J. G.: Filarial epididymofuniculitis, 414
Peale, A. R.: Unique cell rest in uterine fibroid, 594
Pearce, J.: Acute ulceration of esophagus with associated intranuclear inclusion bodies; report of 4 cases, 889
Pearson, B.: Gastrointestinal involvement in lymphatic leukemia, 21
Pericarditis, chemotherapy of experimental streptococcic pericarditis; comparison of sulfanilamide and acetylated derivative of 4,4'-diaminodiphenylsulfone hydrochloride in treatment of experimental beta hemolytic streptococcus pericarditis in rabbit, 253
Peritoneum, mesothelioma (endothelioma) of, 292
Peters, J. T.: Epicellular and pericellular depositions of amyloid as starting point of amyloidosis, 832
Phosphatides: See Phosphorus and Phosphorus Compounds
Phosphorus and Phosphorus Compounds, effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
Pineal Gland, effects of radiation on, 315
leprosy of, 638
pinealoma; clinicopathologic study of 7 cases with review of literature, 869
Pinealoma, clinicopathologic study of 7 cases with review of literature, 869
Pituitary Body, effects of radiation on, 313
excision; morphologic changes in rat's adrenal cortex under various experimental conditions, 373
leprosy of, 638
Pizzolato, P.: Gastrointestinal involvement in lymphatic leukemia, 21
Placenta, leprosy of, 638
Pleura, fibrous pleural adhesions, 553
Pneumonia, Bacillus coli pneumonia, 808
Poisons and Poisoning: See under names of substances, as Lead; Nicotine; Tyrosine; etc.
Poliomyelitis, Foundation for Infantile Paralysis, 932
permeability of blood-brain barrier to virus, 914
Pollak, O. J.: Semen and seminal stains; review of methods used in medicolegal investigations, 140
Postmortem: See Autopsies
Potassium, morphologic changes in rat's adrenal cortex under various experimental conditions, 373
Pregnancy: See also Fetus
changes in blood cholesterol during menstruation and pregnancy, 446
Prizes, 197. See also Awards; Medals
Proteins, morphologic changes in rat's adrenal cortex under various experimental conditions, 373
Pseudorabies, permeability of blood-brain barrier to virus, 920
Public Health Research Institute of City of New York, 501
Pyelography, postmortem study of renal pelvis in relation to hypertension, 681
Pyridoxine, influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713

Raab, W.: Epinephrine and related substances in human arterial walls and kidneys; their role in arteriosclerosis, 836
Rabies, permeability of blood-brain barrier to virus, 916
Radiations, effects on adrenal glands, 318
effects on bone, cartilage and teeth, 323
effects on ear, 311
effects on embryology, 349
effects on endocrine glands, 313
effects on eye, 304
effects on germ plasma, 349
effects on gonads, 121
effects on islands of Langerhans, 318
effects on nervous system, 127
effects on normal tissues, 121, 304
effects on organs of special sense, 304
effects on ovary, 124
effects on peripheral nerves, 128
effects on pineal gland, 315
effects on pituitary gland, 313
effects on skin, 340
effects on striated muscle, 347
effects on testis, 121
effects on thymus gland, 318
effects on thyroid and parathyroid glands, 315

Ramsey, T. L.: Mesothelioma (endothelioma) of peritoneum, 292
Registry of ovarian tumors, 197
Research, medical research fellowship, 197
Public Health Research Institute of City of New York, 501
Respiratory Tract: See also Bronchi; etc.
lepromatous lesions of, 633
Reticuloendothelial System: See Anemia; Liver; etc.
Ribs, studies of cartilage; morphologic and chemical analysis of aging human costal cartilage, 275
Robinson, D.: Neuroblastoma of mediastinum with pheochromoblastomatous elements, 571
Rocky Mountain Spotted Fever, histologic observations on changes in brain in, 583
Roentgen Rays: See Radiations
Rosenberg, E. F.: Visceral lesions associated with chronic infectious (rheumatoid) arthritis, 503
Rupp, J. J.: Influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713
Russell, W. O.: Pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
Pinealoma; clinicopathologic study of 7 cases with review of literature, 869

Sachs, E.: Pinealoma; clinicopathologic study of 7 cases with review of literature, 869
Sailer, S.: Diffuse metaplastic gastritis in patient with prolonged cachexia and macrocytic anemia, 730
Salivary Glands, metastasis of mixed tumors of, 357
so-called mixed tumors of, 1
Sarason, E. L.: Morphologic changes in rat's adrenal cortex under various experimental conditions, 373
Sarcoma: See also Cancer; Leiomyosarcoma; Tumors; etc.
influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713
Scheinker, I. M.: Histologic observations on changes in brain in Rocky Mountain spotted fever, 583
Schiller, W.: Parvilocular tumors of ovary, 391
Schrek, R.: Studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
Sclerosis: See Arteriosclerosis
Scurvy: See also Ascorbic Acid
effect of mechanical force on skeletal lesions in acute scurvy in guinea pigs, 579
pathologic changes in liver and kidneys of guinea pigs deficient in vitamin C, 546
Sebaceous Glands, involvement in leprosy, 626
Seeds, obstructive appendicitis caused by sprouting seed, 598
Semen: See also Spermatozoa
and seminal stains; review of methods used in medicolegal investigations, 140
examination of semen recovered from female genitals, 152
recommended routine examination, 181
seminal stains, 157
Seminoma developing in undeveloped genital anlage, 590
Senility: See Old Age
Serodiagnosis: See under names of diseases
Serum: See Blood
Sex, research in problems of, 354
Sheldon, W. H.: So-called mixed tumors of salivary glands, 1
Shwartzman Phenomenon in genesis of pulmonary abscess; experimental production of abscesses in lungs of rabbits by means of strain of gram-negative anaerobic bacilli, resembling Bacillus necrophorus, employed as lung-preparatory factor, with notes on some factors concerned in pathogenicity, 517
Simpson, E. E.: Immature botryoid tumors of cervix, 535
Skeleton: See under Bones
Skin, effects of radiation on, 340
leprous changes in, 626
Smith, E. B.: Fibrous pleural adhesions, 553
Smith, L. W.: Unique cell rest in uterine fibroid, 594
Snake Venom: See Venom
Societies, American Association of Immunologists, 501
American Association of Pathologists and Bacteriologists, 501
American College of Physicians, 197
American Public Health Association, 645
American Society of Clinical Pathologists, 197
Society of American Bacteriologists, 645
Spark, C.: Acromegaly with long-standing tumor infiltration of cavernous sinuses, 93
Spermatic Cord, filarial epididymofuniculitis, 414
Spermatozoa: See also Semen
recovery from dried stains, 164
Spinal Cord: See also Meninges; Nervous System; etc.
instrument for removing spinal cord through foramen magnum, 750
Spleen, leprosy of, 635
Stasney, J.: Gastrointestinal involvement in lymphatic leukemia, 21
Stofer, B. E.: Postmortem study of renal pelvis in relation to hypertension, 681
Stomach: See also Gastrointestinal Tract
diffuse metaplastic gastritis in patient with prolonged cachexia and macrocytic anemia, 730
Stomatitis, vesicular; permeability of blood-brain barrier to virus, 922
Stout, A. P.: Cellular origin of bronchial adenoma, 803
Strassmann, G.: Differentiation of fetal and adult human hemoglobin; its medicolegal importance, especially in connection with alkali test for carbon monoxide in blood, 776
Streptococci, chemotherapy of experimental streptococcic pericarditis; comparison of sulfanilamide and acetylated derivative of 4,4′-diaminodiphenylsulfone hydrochloride in treatment of experimental beta hemolytic streptococcus pericarditis in rabbit, 253
Sulfanilamide and Sulfanilamide Derivatives, chemotherapy of experimental streptococcic pericarditis; comparison of sulfanilamide and acetylated derivative of 4,4′-diaminodiphenylsulfone hydrochloride in treatment of experimental beta hemolytic streptococcus pericarditis in rabbit, 253
Suprarenal Preparations: See Adrenal Preparations
Suprarenals: See Adrenals
Sweat Glands, changes in leprosy, 626
Syphilis: See under names of organs, regions and diseases

Teeth, effects of radiation on bone, cartilage and teeth, 323
Temperature, studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857

Testes: See also Epididymis; Gonads
effect of radiation on, 121
Thromboangiitis obliterans, venous valves in, 242
Thymus, effects of radiation on, 318
Thyroid: See also Parathyroid
disease of thyroid gland and blood cholesterol, 479
effects of radiation on thyroid and parathyroid glands, 315
leprosy of, 638
Tissue: See also Cells
effects of radiation on normal tissues, 121, 304
elastic tissue; relations between structure of aging aorta and properties of isolated aortic elastic tissue, 29
Tompkins, E. H.: Effects of intravenous injections of ether-insoluble fraction of lipoids of beef brain; comparison with lipoid storage diseases and with effects of injections of phosphatides alone, 787
Effects of repeated intravenous injections of lecithin in rabbits; relationships to lipoid storage diseases and to hemolytic anemias, 695
Tropical Medicine, filarial epididymofuniculitis, 414
Tubercle Bacilli: See Tuberculosis
Tuberculosis: See also under names of various diseases, organs and regions
Candida albicans infection confused with, 427
tuberculoid reaction in ovarian dysgerminoma, 674
Tumors: See also Adenoma; Cancer; Dysgerminoma; Endothelioma; Fibroma; Granuloma; Meningioma; Sarcoma; Seminoma; etc.; and under names of organs and regions, as Cavernous Sinus; Mediastinum; Ovary; Salivary Glands; Uterus; etc.
and cholesterol metabolism, 490
children's tumor registry, 501
metastasis of mixed tumors of salivary glands, 357
so-called mixed tumors of salivary glands, 1
Tyrosine poisoning in rats, 685

Ultraviolet Rays: See Radiations
Urography: See Pyelography
Uterus, developmental basis of regenerative and pathologic growth in, 53
immature botryoid tumors of cervix, 535
Uterus—Continued
simultaneous leiomyosarcoma of uterus and papillary carcinoma of ovary, 115
unique cell rest in uterine fibroid, 594

Vasomotor System: See also Arteries; Blood vessels; Veins; etc.
experimental studies in cardiovascular pathology; chronic nicotine poisoning in rats and in dogs, 846
Veins: See also Blood vessels; Cardiovascular System; Vasomotor System; etc.
venous valves in thromboangiitis obliterans, 242
Venom, studies in vitro on physiology of normal and of cancerous cells; effect of high temperature and of moccasin venom on viability of rabbit lymphocytes and polymorphonuclear leukocytes as determined by method of unstained cell counts, 857
Verruca, verrucous lesions in leprosy, 628
Viruses: See also under Herpes; Poliomyelitis; Rabies; etc.
permeability of blood-brain barrier to neurotropic viruses, 912
permeability of blood-brain barrier to virus B, 921
Viscera, lesions associated with chronic infectious (rheumatoid) arthritis, 503
Vitamins, B; influence of vitamin B_6 and pantothenic acid on growth of sarcoma 180, 713
B_6: See Pyridoxine
C: See Ascorbic Acid

Wahl, H. R.: Neuroblastoma of mediastinum with pheochromoblastomatous elements, 571
Warren, S.: Effects of radiation on normal tissues, 121, 304
Water, changes in magnesium and chloride contents of blood from drowning in fresh and in sea water, 601
Weinhouse, S.: Blood cholesterol, 438
Wells, H. G.: Disseminated ossification of lungs, 420
Seminoma developing in undeveloped genital anlage, 590

Xanthomatosis and blood cholesterol, 487

Yellow Fever, permeability of blood-brain barrier to neurotropic strain of, 922
Yerkes Laboratories of Primate Biology, 354